

Nov. 1895.

M. Valle, Encke's Comet.

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Observations of Encke's Comet made with the 15-inch Equatorial of the National Mexican Observatory, Tacubaya.
By Felipe Valle.

(Communicated by the Secretaries.)

Long. W. 6 ^h 36 ^m 46 ^s .53.										Lat. N. 19° 24' 17".5.									
Date.	Tacubaya Mean Time.	Comet- Δ		Comet- Δ Star.		No. of Comps.	Observer.	Comet App. R.A.		Log. $p \times \Delta$ of Parallaxic Factor.	Comet App. decl.		Log. $p \times \Delta$ of Parallaxic Factor.	Red. to App. Place.		No. of Star.			
	h m. s.	m s	"	' "				h m s			° ' "			s	"				
1894. Dec. 28	7 40 28.6	+ 3 48.13	+ 0 01.32	6-6	F. V.	22 14 49.03		22 14 49.03	+ 9.6790	+ 3 20 29.9	+ 0.4236	+ 2.31	+ 14.29	1					
29	7 34 18.7	- 0 33.17	+ 3 07.08	10-10	"	22 14 33.68		22 14 33.68	+ 9.6767	+ 3 22 08.8	+ 0.4246	+ 2.35	+ 14.75	2					
31	7 39 52.9	+ 0 42.76	- 1 27.90	9-9	"	22 14 01.59		22 14 01.59	+ 9.6918	+ 3 06 17.4	+ 0.4329	+ 2.31	+ 14.12	3					
1895. Jan. 4	7 31 55.0	+ 0 54.48	- 0 45.50	12-12	"	22 12 27.64		22 12 27.64	+ 9.7005	+ 2 29 56.9	+ 0.4410	- 0.75	- 5.75	4					
12	7 10 34.9	- 1 18.65	- 0 05.36	7-7	"	22 06 03.61		22 06 03.61	+ 9.7138	+ 0 39 55.3	+ 0.4601	- 0.78	- 5.66	5					
14	7 25 16.9	- 0 13.95	+ 0 55.01	4-4	"	22 03 09.83		22 03 09.83	+ 9.7299	- 0 02 08.2	+ 0.4658	- 0.79	- 6.12	6					
15	7 03 07.2	- 1 43.26	+ 2 22.11	7-7	"	22 01 33.63		22 01 33.63	+ 9.7201	- 0 24 52.4	+ 0.4686	- 0.78	- 6.29	7					
17	6 53 15.7	- 1 33.01	+ 1 25.48	7-7	"	21 57 32.85		21 57 32.85	+ 9.7205	- 1 19 14.0	+ 0.4746	- 0.79	- 6.76	8					
18	7 11 35.7	+ 1 11.63	+ 1 53.22	4-4	"	21 55 08.29		21 55 08.29	+ 9.7359	- 1 51 11.8	+ 0.4710	- 0.80	- 7.10	9					
19	6 53 43.4	- 0 22.79	- 5 34.74	11-11	"	21 52 30.52		21 52 30.52	+ 9.7297	- 2 25 16.0	+ 0.4789	- 0.80	- 7.27	10					
21	6 51 36.0	- 0 37.75	- 5 21.52	8-8	"	21 46 15.25		21 46 15.25	+ 9.7358	- 3 45 28.9	+ 0.4465	- 0.78	- 7.81	11					
22	6 45 29.4	- 4 38.20	- 2 01.26	1-1	"	21 42 37.38		21 42 37.38	+ 9.7370	- 4 31 17.1	+ 0.4843	- 0.79	- 7.98	12					

No. of				Comparison Stars			Date.	Observed $\Delta\alpha$.	Calculated $\Delta\delta$.	Ephemerides.
Star.	1894.0-1895.0.	h m s	δ	Authority.						
			1894.0-1895.0				1894.			
1	22 10 58.59		+ 3 30 14.3	Schjellerup $\frac{1}{2}$ (9096 + 9097)			Dec. 28	+ 1.48	- 0.1	{ Backlund, Bull. Acad. St. Pétersbourg, I.
2	(2a - 4.00.63)		(2a + 2 25.21)	Anon. Ref. to 2a (100)			29	...	...	"
2a	22 19 05.13		+ 3 16 22.0	B. D. + 3° 47' 01 (8.5 )				...	...	"
3	22 13 16.52		+ 3 07 31.3	B. D. + 2° 44' 90 (9.0)			31	...	...	"
4	22 11.33.91		+ 2 30 48.1	(9.0) B. D. + 2° 44' 85			1895. Jan. 4	+ 1.33	+ 2.17	"
5	22 07 23.04		+ 0 40 06.3	(8.3) B. D. + 2° 48' 36			12	...	...	"
6	22 03 24.57		- 0 02 57.1	(9.3) B. D. + 0° 43' 13			14	...	...	"
7	22 03 17.67		- 0 27 08.2	(8.5) 9033 Schjellerup			15	+ 5.37	+ 31.1	"
8	(8a - 16.68)		(8a + 4 17.64)	B. D. - 1° 42' 42. Ref. to 8a			...	...	...	"
8a	21 59.23.33		- 1 24 50.4	(6.5) 5936 Radcliffe 1890			17	+ 6.84	+ 52.2	"
9	21 53.57.46		- 1 52 57.9	(8.9) 5919 Radcliffe 1890			18	+ 6.86	+ 45.5	"
10	21 52 54.11		- 2 19 34.0	(8.4) B. D. - 2° 56' 68			19	+ 7.25	+ 61.5	"
11	21 46 53.78		- 3 39 59.6	(6.0) 5894 Radcliffe 1890			21	+ 7.86	+ 61.6	"
12	21 47 16.37		- 4 29 07.9	(7.0) 5895 Radcliffe 1890			22	+ 8.01	+ 67.5	"

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Long. W. 6^h 36^m 46^s.53.

Lat. N. 19° 24' 17".5.

Date.	Tacubaya Mean Time.	Planet Aa.	Star Δδ.	No. of Comps.	Ob- server.	Planet App. R.A.	Log $p \times \Delta$ of Parallaxic Factor.	Planet App. Decl.	Log $p \times \Delta$ of Parallaxic Factor.	Red. to App. Place.	No. of Star.
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176 *Idunna*.

1894.	h	m	s	m	s	h	m	s	o	'	"	s	.	"	
Oct. 3	11	32	58	+1	41.11	-1	5.84	5-5	F. V.	+0.131	+3.44	+23.90	$\left. \begin{smallmatrix} 1^a \\ 1 \end{smallmatrix} \right\}$
6	9	52	57	-1	17.21	-1	37.58	4-4	"	0 19	7.32	+9.302	+3.46	+24.15	2
8	11	20	3	-0	38.34	-0	26.80	6-6	"	0 17	55.23	+8.522	+3.46	+24.15	$\left. \begin{smallmatrix} 3^a \\ 3^b \end{smallmatrix} \right\}$
9	10	6	56	-0	58.34	+4	16.35	6-6	"	0 17	22.80	9.129 ⁿ	+3.48	+24.32	4
10	8	53	5	+2	1.00	-3	10.41	5-5	"	0 16	50.71	9.465 ⁿ	+3.47	+24.24	5
11	8	47	29	-1	37.39	-6	22.32	6-6	"	0 16	17.94	9.419 ⁿ	+3.48	+24.35	6

190 *Ismene*.

Nov. 5	10	9	17	+1	0.93	+0	55.44	6-6	F. V.	2 18	23.57	9.213 ⁿ	+8	5	4.8	+0.248	+3.82	+25.25	7
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